U.S. ARMY TANK AUTOMOTIVE AND ARMAMENTS COMMAND

WORK DIRECTIVE

CONTRACTOR:
Orion Advanced Simulation & Intel Systems, Inc.
(dba Oasis Advanced Engineering, Inc.)

WORK DIRECTIVE NO.: ACSL0201

Sheet 1 of 1

Date: March 7, 2002

CONTRACT NO.:

CONTRACT REFERENCE:

PROGRAM/VEHICLE: Abrams Tank System

SUBJECT: M1A2 & M1A2 SEP ABRAMS COMMON SOFTWARE LIBRARY (ACSL) MANAGEMENT SUPPORT

1.0. OBJECTIVE

Provide management support for the on-going ACSL activities.

2.0. TASKS

A. The contractor shall manage and control his resources to ensure that the activities necessary for the on-going development and delivery of the items and services detailed in all work directives associated with the ACSL Program are accomplished on schedule.

B. The contractor shall prepare contract administration data and work directive input when requested.

C. The contractor shall prepare and submit a monthly report detailing cost and schedule performance in accordance with DI-FNCL-80912. As a minimum, the report will detail the following:

i. Funding expenditures for the month and cumulative

ii. Brief synopsis of accomplishments for the past month

iii. Actual versus planned schedule of activities for the entire program

iv. Brief synopsis of any meetings and discussions with training device contractors

v. Problems, concerns or issues

vi. Brief synopsis of planned activities for the following month

3.0. DELIVERABLES

A. Monthly Cost and Performance Reports

4.0. HOURS

Total 480

Approved by the Contracting Officer's Technical Representative:`Dorothy Foley_____ Date: 3-7-02_____

Approval: Contracting Officer:_____Date:_____

Acknowledgement: Contractor's Representative:_____Date:_____

U.S. ARMY TANK AUTOMOTIVE AND ARMAMENTS COMMAND

WORK DIRECTIVE

CONTRACTOR:
Orion Advanced Simulation & Intel Systems, Inc.
(dba Oasis Advanced Engineering, Inc.)

WORK DIRECTIVE NO.: ACSL0202

Sheet 1 of 2

Date: March 7, 2002

CONTRACT NO.:

CONTRACT REFERENCE:

PROGRAM/VEHICLE: Abrams Tank System

SUBJECT: M1A2 & M1A2 SEP ABRAMS COMMON SOFTWARE LIBRARY (ACSL) ENGINEERING SUPPORT

1.0 OBJECTIVE

Convert M1A2 & M1A2 SEP Tank, herein after referred to as the Tank, source code into the ACSL format for use in training devices and other applications.

2.0 DESIGN AND DEVELOPMENT CRITERIA

A. BASELINE CONFIGURATION – The contractor shall use the latest fielded versions of the Tank Software for work performed under this work directive.

B. SYSTEM ARCHITECTURE – The contractor shall convert the latest Tank source code into the existing ACSL architecture.

C. STANDARDS – The contractor shall use the Ada programming language in accordance with ANSI/MIL-STD1815A-1983 for the software development required under this work directive.

3.0 ANALYSIS

A. The contractor shall analyze the latest fielded version of the Tank Software with its associated documentation and define the modifications that are required to convert the source code into an ACSL release.

4.0 DEVELOPMENT TASKS

A. The contractor shall develop engineering and formal releases of:

1. M1A2 SEP Tank Software Version 3.5 for the Solaris and Linux Operating Systems
2. M1A2 SEP Tank Software Version 3.5.2 for the Linux Operating System
3. M1A2 SEP Tank Software Version 3.5.2.1 for the Linux Operating System
4. M1A2 Tank Software Version 2.6.1 for Solaris and/or Linux

Approved by the Contracting Officer's Technical Representative: Dorothy Foley_____ Date: 3-7-02_____

Approval: Contracting Officer:_____Date:_____

Acknowledgement: Contractor's Representative:_____Date:_____

B. The contractor shall define the ACSL system modifications that are required to incorporate the capabilities as identified during conversions of the Tank software.

C. The contractor shall make the required ACSL modifications.

D. The contractor shall update the ACSL Software Design Document.

E. The contractor shall update the tools and test suite required to conduct contractor testing and to support government verification audits and acceptance test of the ACSL releases.

F. The contractor shall deliver formal and engineering ACSL releases to Tank training devices prime contractors as directed by the government.

5.0 GOVERNMENT-FURNISHED ITEMS

A. The government will provide the contractor with a copy of the latest version of the fielded Tank Software, in a format specified by the contractor, to support the tasks identified in Paragraph 4.

B. The government will provide the contractor with Tank Software Documentation, as it becomes available and as requested by the contractor.

C. The government will provide access to a Tank as requested and required by the contractor in support of this effort.

6.0 DELIVERABLES

A. ACSL formal releases as identified in Paragraph 4

B. Updated version of the ACSL Software Design Document, as desired by the government

C. ACSL tools and test suite, as desired by the government

7.0 Hours

Total 6,300

U.S. ARMY TANK AUTOMOTIVE AND ARMAMENTS COMMAND

WORK DIRECTIVE

CONTRACTOR:
Orion Advanced Simulation & Intel Systems, Inc.
(dba Oasis Advanced Engineering, Inc.)

WORK DIRECTIVE NO.: ACSL0203

Sheet 1 of 1

Date: March 7, 2002

CONTRACT NO.:

CONTRACT REFERENCE:

PROGRAM/VEHICLE: Abrams Tank System and Variants

SUBJECT: M1A2 & M1A2 SEP ABRAMS COMMON SOFTWARE LIBRARY (ACSL) TECHNICAL SUPPORT

1.0 OBJECTIVES

Provide technical support to M1A2 & M1A2 SEP Tank, herein after referred to as the Tank, training device contractors.

2.0 TASKS

A. The contractor shall provide technical assistance to the Tank training device contractors on an as-required basis including phone consultation and responses to written questions relating to ACSL. Technical support regarding non-ACSL training device issues may be provided at the direction of the COTR.

B. The contractor shall maintain a log containing all correspondence and a brief synopsis of all meetings and discussions held with the training device contractors.

C. The contractor shall copy the COTR on all written correspondence with the training device contractors.

D. Whenever practical, the contractor shall include the COTR in the meetings and discussions with the training device contractors.

3.0 DELIVERABLES

A. A copy of the month's log entries shall be delivered as part of the monthly Cost and Performance Report.

4.0 Hours

Total 120

Approved by the Contracting Officer's Technical Representative: Dorothy Foley_____ Date: 3-7-02_____

Approval: Contracting Officer:_____Date:_____

Acknowledgement: Contractor's Representative:_____Date:_____